

AVANT[®]



500 Series

Articulated telescopic loader



AVANT 500 – all the advantages of a telescopic handler

The unique basic construction makes AVANT an unbeatable machine in its class. All these features give better comfort, working efficiency and working quality.

- Telescopic loader boom gives more lift height and outreach – both equally important
- Modern off center boom construction guarantees excellent, unrestricted visibility – and the operator does not need to reach out to see
- Boom self levelling makes load handling quicker and more precise. The self levelling system keeps the load automatically level in all positions of the loader boom.
- Added safety thanks to the overload warning system.
- Articulated design allows precise sideways moving of the load in tight situations.



AVANT 520

	1750 lb
	20 hp diesel
	110 in
	7.5 MPH
	2690 lb
	96 in

AVANT 528

	2100 lb
	28 hp diesel
	110 in
	7.5 MPH
	2910 lb
	100 in

Best ergonomics



Ideal operator position

- Positioned in the front part of the machine, the operator's seat is as close to the attachment as it can safely be – this gives unrestricted view of the attachment working
- Top class working efficiency - safely

Telescopic handler type off center loader boom

- Excellent, unrestricted field of vision to the work and attachment
- More precision, working efficiency and safety
- The loader boom reaches out – not the driver

Well thought-out AVANT ergonomics

- Ample space even for larger operators
- Easily operated, well-positioned controls
- Excellent feel on both drive and hydraulics controls
- Safe and easy access to driver's seat
- ROPS safety frame with tinted plexiglass canopy is standard feature

Four different cab options available

- Certified ROPS safety frame with tinted plexiglass canopy as standard
- AVANT Cab L: consists of windscreen (equipped with wiper), right side window and rear window.
- AVANT Cab LX: has all the features of cab L and, in addition, is equipped with a door and a heater
- AVANT Cab DLX: independent ROPS/FOPS cab that mounts on the machine. It is equipped with a heater, noise isolating interior and fabric seat, radio and cab air filter.



Top class features



Exactly the right size

- Strong enough – can handle round bales and big bags
- Compact enough – can work in tight situations

Advanced technology

- Stepless hydrostatic transmission
- Hydraulically pilot operated variable displacement drive pump – driving is smooth, no wearparts in the drive system

Comprehensive options range

- Telescopic loader boom gives more lift height and outreach
- Boom self levelling makes load handling quicker and more precise
- Hydraulic rear lift, boom float, extra work lights, cab etc.



Multi connector system as standard equipment

The multi connector system is standard equipment on Avant 500 series machines and its attachments. It facilitates connecting and disconnecting of attachment hoses considerably, compared with conventional type quick couplings.

Multi connector benefits

- Connects all hoses effortlessly with a single hand movement.
- Releases pressure automatically and is always easy and light to connect.
- No oil drops during connecting or detaching.
- It is not possible to connect the multi connector in a wrong way.

Safety

Rigid articulation joint

The rigid articulation joint which doesn't swing sideways is a very important feature in a machine of this size. Thanks to this rigid design the risk of tipping over of the machine is essentially smaller, because the rigid articulation joint will not allow excessive sideways movements and the whole weight of the machine acts as counterweight and keeps the chassis stable.

Safety frame

The ROPS safety frame – a standard feature like the tinted plexiglass canopy - is a four post structure which really protects the operator, for instance when driving backward and accidentally hitting an obstacle. The ROPS frame and the optional FOPS canopy are tested and certified and comply with the relevant ISO standards.

Telescopic boom

The telescopic loader boom is an essential part of the great stability. The boom design allows you to keep the boom retracted and the load as close to the machine as possible, simply to be extended only when required.

Load sensor

The load sensor comes as standard in the AVANT 500 series. Audible warning signals are heard if the rear wheels are about to lift off of the ground, warning the operator immediately should he, for example, inadvertently move the load away from the machine with the telescopic boom.



Indoor jobs

Avant 525 LPG

Avant 500 series is now available also with an LPG engine. Avant 525LPG is equipped with a Kubota 23 hp LPG (liquefied petroleum gas) engine. Avant 525LPG is ideal for indoor jobs where a compact yet powerful machine is required and where use of diesel or petrol engines is not possible.

Avant 525LPG compared to diesel models:

- Only CO₂ emissions, no small particles
- Quieter engine



In farming, AVANT has both skill and power



New AVANT 500 Series – the efficient farming machine

Modern farming requires more and more versatility from the machines, and this has been taken into consideration in the design of the new AVANT 500 series. The first requirement is size: the machine must be compact enough to work in tight situations, go through narrow doorways etc. On the other hand it must be strong enough to handle heavier loads. AVANT 500 Series meets these requirements.

Satisfied users

User satisfaction is very high among AVANT customers. On thousands of farms around Europe AVANT has proven its capabilities and is today one of the most important machines, making many jobs easier. And the AVANTs are working hard every day. On many farms, AVANT collects more working hours than a tractor.





AVANT 500 – more versatile than ever

The power and capabilities of the new AVANT 500 series is sufficient for most of the jobs on the farm:

- Silage distribution
- Handling of wrapped round bales – without damaging the plastic wrapping
- Filling of mixer feeder wagon
- Handling of big bags
- Moving of fertilizer pallets
- Demanuring
- Cleaning and sweeping jobs
- Loading on big and high trailers
- Estate management
- Construction



AVANT – the horse stable tractor



The all round machine for horse stables

AVANT has for many years had a close cooperation with horse stables and horse breeding farms. This long experience is clearly visible both in AVANT loaders and in attachments.

The new AVANT 500 series is exactly the right size multi purpose machine for horse stables.

- Learning to operate the AVANT is very quick and easy – new staff will quickly learn how to drive the machine.
- AVANT 500 can easily handle the bales with a bale grabber, without damaging the plastic wrapping.
- AVANT with an auger is the ideal solution for making fences.
- AVANT and the new horse arena harrow will keep your arena in top shape.
- AVANT is the indispensable tool for demanuring
- In winter you can do the snow removal, sand and salt spreading and other winter maintenance jobs with AVANT
- In summer, AVANT is the machine for lawn mowing, street cleaning and other similar tasks

Landscaping



AVANT – the efficient machine for landscaping

AVANT 500 series, like its big brother 600, really can handle landscaping jobs. This is the work they are doing in over 30 countries already.

AVANT has developed a very comprehensive range of attachments to meet the many varied requirements of landscaping and groundscape. Thanks to the AVANT collection of attachments, one AVANT can undertake the jobs of several different machines. From earthmoving and moving of materials, loading and unloading, digging, leveling, milling and even paving – and also the maintenance jobs like lawn mowing, sweeping etc.

The articulated design and compact dimensions of AVANT 500 mean it can work on any site, and it is easy to transport on a trailer from one work site to another. This means projects are completed more quickly, quality is better and time and money is saved.



AVANT for property maintenance



Property maintenance all-year-round

AVANT 500 series is an efficient machine for property maintenance, also in tight situations. Thanks to the complete, high quality attachment range it tackles the maintenance jobs all-year-round.

In winter, snow removal can be done not only with a bucket but also with a dozer blade, snow plow, snow broom or even snow blower. Sand spreading with the hydraulic or towable spreader is fast, and it can also be done at the same time as snow removal: with the bucket or dozer blade in the front and the spreader in the rear.

The optional spacious cab equipped with efficient heater guarantee comfortable working conditions despite the bad weather.

Different brooms – also with collector box and side brush + water spraying system, and high pressure street cleaners are the ideal tools for cleaning of streets, parks and yards.

The complete AVANT attachment range is available also for various maintenance jobs in parks, gardens, graveyards and other green areas.

Do-it-yourself



Do-it-yourself

AVANT 500 series is an excellent machine for various do-it-yourself jobs – be it smaller earthmoving, material handling, landscaping, sweeping, trenching, lawn mowing... only your imagination sets the limits of what the AVANT can do!



Efficient material handling

For many companies the AVANT 500 series is an ideal all-year-round forklift truck for outdoors material handling.

AVANT has excellent loading and handling capabilities thanks to the telescopic boom and boom self levelling. In addition the AVANT you can also do various property maintenance jobs like sweeping, mowing, snow removal etc.



Technical data, options



Wheels

Wheel size	Profile	Machine width
27 x 8.50 - 15*	tractor	39.0 in
23 x 8.50 - 12	tractor or grass	41.3 in
23 x 10.50 - 12	tractor or grass	43.1 in
26 x 12.00 - 12*	tractor or grass	50.8 in

*) Bigger wheels will increase total machine height by 1.4 in

Model	AVANT 520	AVANT 528	AVANT 525 LPG
Length	95.7 in	100.4 in	95.7 in
Width (with 23x10.50-12 wheels)	43.1 in	43.1 in	43.1 in
Height	78.0 in	78.0 in	78.0 in
Weight	2315 + 375 lb	2535 + 375 lb	2360 + 375 in
Standard wheels	23x10.50-12"grass/TR	23x10.50-12"grass/TR	23x10.50-12"grass/TR
Transmission, drive	hydrostatic	hydrostatic	hydrostatic
Pulling force	1985 lbf	2100 lbf	1985 lbf
Drive speed max.	7.5 MPH	7.5 MPH	7.5 MPH
Auxiliary hydraulics oil flow / pressure	8.2 gal/min 185 bar	9.5 gal/min 200 bar	9.5 gal/min 185 bar
Turning radius inside/outside	39.2 / 80.7 in	39.2 / 80.7 in	39.2 / 80.7 in
Max. lifting height (with telescopic boom)	109.8 in	109.8 in	109.8 in
Max. lifting capacity (hydr.)	3000 lb	3300 lb	3000 lb
Tipping load	1750 lb	2100 lb	1750 lb
Max. breakout force / 20 in	2400 lb	2800 lb	2400 lb
Engine make and type	Kubota D722	Kubota DI 105	Kubota DF752
Engine output (ISO Gross)	20 hp	28 hp	23 hp
Fuel	Diesel	Diesel	LPG (liquefied petroleum gas)

Add efficiency and comfort to your work with options.

Boom



Telescopic boom



Self levelling boom



Boom floating



Hydraulic attachment coupling plate

Cabs



Cab L



Cab LX



Cab DLX



FOPS canopy

Work efficiency



Joystick



Rear auxiliary hydraulics



Road traffic light kit



Work light kit



Rear side weights, 400 lb (528)



Extra weights, trailer coupling



Rear bumper



Hydraulic rear lift (528)



Heavy duty covers



Tilt adapter



Catalytic converter



Heavy duty wheels



Snow chains



Attachment control switch pack



Weather cover



Full weather cover

Drive



Drive release valve



Anti slip valve



Engine block heater



Beacon

Other options

Buckets, material handling

General buckets



Width	Capacity	Weight
35 in	48 gal	126 lb
41.3 in	56 gal	143 lb
43.3 in	57 gal	150 lb
50.4 in	69 gal	165 lb
55.1 in	75 gal	198 lb

AVANT general buckets are designed to speed up your work and make it more efficient: the operator can see the front edge of the bucket from the driver's seat, which means quick and easy loading and emptying. There is a grill at the upper end of the bucket which prevents stones from falling towards the operator.

Light material buckets



Width	Capacity	Weight
41.3 in	106 gal	210 lb
43.3 in	111 gal	218 lb
50.4 in	128 gal	231 lb
63 in	161 gal	275 lb
70.9 in	181 gal	302 lb

AVANT manufactures buckets in different widths and volumes, destined for different types of jobs, e.g. light materials handling (saw dust, manure, wood chips, mulch), snow removal etc.

High tip buckets



Width	Capacity	Weight
41.3 in	40 gal	284 lb
50.4 in	92 gal	353 lb
70.9 in	185 gal	728 lb

With high tip bucket you can reach longer and higher than with many bigger machines. The bucket tips over its front edge, which with the telescopic boom means a dump height of 124 in!

4 in 1 buckets



Width	Capacity	Weight
43.3 in	40 gal	335 lb
50.4 in	45 gal	386 lb
55.1 in	50 gal	419 lb

Efficient multi purpose bucket - can be used as a normal bucket as well as a dozer blade, leveler, stone picker etc. The front part of the bucket opens with 2 hydraulic cylinders located on the back side of the bucket, which enables dozing, levelling and picking of stones, tree stumps etc. The bucket can also be emptied by opening it, which gives more dumping height. Available with straight edge or with teeth.

Skip bucket



Capacity	92 gal	185 gal
Width	37.4 in	54.7 in
Weight	265 lb	385 lb

AVANT skip bucket is a very useful attachment for waste collecting and storage as well. Thanks to the two supports you can leave it where you want, fill it and empty it the AVANT way – sitting on the driver's seat. The bucket can also be equipped with a lid.

Grapple bucket



Width	Weight
35.4 in	287 lb
41.3 in	320 lb
51.2 in	364 lb

Grapple bucket combines a normal bucket and a grapple and is therefore suitable for a multitude of jobs. It can be used for transporting and loading of branches, wood chip, compost, straw, manure etc. It can also be used as a normal bucket with the grapple in the upright position.

Pallet fork



Length	33.5 in	43.3 in
Weight	198 lb	231 lb

AVANT pallet fork is the right attachment for lifting and handling of different types of light materials on pallets. Fork width is easily adjustable with quick-release locking mechanism. Forks are made of heat treated tapered steel and they comply with the relevant ISO standards.

Log grab



Log diameter max.	20 in
Weight	132 lb

AVANT log grab mounts on Avant pallet forks. With the log grab you can lift and transport single logs or smaller timber bundles. The grab is equipped with a powerful hydraulic cylinder and it can therefore lift bigger stones and also branches, twigs and similar material.

Jib boom



Boom length	40.2 in
Hooks	2 pcs
Weight	66 lb

AVANT jib boom is a simple and ingenious attachment: lifting and moving of heavier loads in tight situations is not a problem when you have this jib boom on your AVANT.

Telescoping jib boom



Boom length	40.2 in
Hooks	2 pcs
Weight	66 lb
Weight	110 kg

Jib boom is an excellent tool for all kinds of lifting tasks which cannot be done with pallet forks. With the jib boom you can lift materials to higher levels and to places that are difficult to reach; with smooth, exact and safe control of the boom. This jib boom with hydraulic telescope is even more efficient and versatile in all lifting jobs.

Digging and construction



Backhoe 210

Digging depth	82.7 in
Loading height	78.7 in
Slewing	140 °
Buckets	9.8/15.7/27.6 in
Weight	419 lb

AVANT backhoe 210 is a very compact and amazingly powerful digging unit. It is very quick and easy to mount on the loader (takes only a couple of minutes), and then you have a unit than can work efficiently even in very tight situations. Low weight allows transportation on trailer. Dozer blade at the bottom of the frame is standard feature.



Backhoe 260

Digging depth	102.4 in
Width	51.2 in
Boom slewing angle	170 °
Standard bucket	15.7 in
Weight	925 lb

Backhoe 260 is a completely new backhoe model from Avant. Boom slewing is executed with two separate cylinders. The new system has less free play when slewing the boom and has less need for servicing. Support legs are hydraulically adjustable. Bucket quick release (manual model) as standard. Mounting the backhoe is now a lot easier with tiltable valve bank and new locking mechanism on the boom.



Digger 150

Digging depth	59 in
Loading height	98 in
Buckets	std. 15.7 in
Weight	285 lb

AVANT Digger 150 is a very efficient and solution for small digging operations where a max. digging depth of 59 in is enough. It is operated with auxiliary hydraulics control lever (or buttons on the joystick), and turning to the side happens by turning the steering wheel. Options: bucket tilt adapter, buckets 10 in, 30 in and 40 in.



Trencher

Digging depth	max 35 in
Trench width	4 - 6 in

With trencher you can easily dig narrow trenches without damaging lawns and gardens – this trencher is ideal for smaller cable or pipe laying. Digging depth is max. 35 in, digging width normally 4 in or 6 in, depending on chain type. Planetary drive with hydraulic motor guarantee efficient and trouble free operation. Three different types of chains available: standard earth chain, frost chain and heavy duty chain with tungsten teeth.



Auger

	Augers	Max. torque
Direct drive	3 - 11.8 in	1000 lb/ft
HD 35	3 - 15.7 in	1390 lb/ft
HD 45	3 - 23.6 in	1810 lb/ft
HD 58	3 - 35.4 in	2225 lb/ft

Powerful hydraulic auger with many different auger diameters to suit various tasks, be it post hole boring, tree transplanting etc. Planetary drive gives a lot of torque, replaceable teeth (tungsten teeth as standard) and pilot head enable drilling in hard ground and sandstone also. With the optional extension shafts drilling depth can be increased to max. 98 in.



Hydraulic breaker

Model	Impact energy	Weight
AVANT B70	83 ft-lbf	154 lb
AVANT B110	133 ft-lbf	243 lb
AVANT B160	200 ft-lbf	353 lb

AVANT breakers are specially designed to give best performance together with AVANT loaders. They are extremely efficient and versatile tools in demolition and refurbishing operations: with the same machine you can do the demolition first and then take the debris away with a bucket – very fast and effective, and you can go almost anywhere with this unit.



Concrete mixing bucket

Volume	71 gal
Rotation by	hydraulic motor
Weight	1080 lb

AVANT concrete mixing bucket is the ideal attachment for situations where electricity is not available or the mixed concrete must be transported and/or lifted to a place not easily accessible. The concrete mixing bucket is powered by a hydraulic motor and emptying happens by tilting the mixer forward.



Winch

Pulling force	1000 kp
Pulling speed	7.5 ft/s
Cable length	100 ft
Weight	231 lb

The AVANT hydraulic winch enables towing of all kinds of objects (e.g. logs, poles, boats) from places where you cannot drive with the machine. The winch is equipped with a safety net, 100 ft of wire rope and a towing hitch. It is powered by a hydraulic motor, mounts on the attachment coupling plate and is operated with the auxiliary hydraulics control lever.



Forklift mast

Lift height	69 in
Lift capacity	3300 lb
Fork length	43.3 in
Tyres	18 x 7.50 - 8
Weight	660 lb

The AVANT forklift mast makes your machine a forklift truck. It is an ideal attachment for handling and lifting heavy pallets (stone, fertilizer), big bags and other heavy materials. It can also be used for loading and unloading materials from lorries. The mast is equipped with big foam filled tyres, which gives good all terrain transporting capabilities. Connecting and disconnecting to the loader is fast and easy thanks to the AVANT quick coupling system.



Leguan 50

Max. allowed load	440 lb
Max. working height	197 in
Height (with lowered platform)	74.8 in
Width	51.2 in
Weight	893 lb

The Leguan 50 is mounted directly on to Avants quick attach plate like any other Avant attachment. This makes it fast and easy to mount it on and take it off. The lift is designed according to all access platform directives and it is CE-certified. The safe working load for the lift is 440 lb which means it is allowed for operation with two men or one man with plenty of tools.

Farming

Silage fork



Width	Weight
31.5 in	185 lb
35.5 in	220 lb
41.3 in	265 lb
51.2 in	310 lb

YleA robust silage fork equipped with a powerful hydraulic cylinder. The strong blade type pins of the grapple penetrate very well into all types of feed. The fork has replaceable tines, fastened with a bolt, made of reinforced steel.

Dozer blade for silage fork



Width, main blade	47.2 in
Width, side blade	21.7 in
Weight	110 lb

The dozer blade mounts on the silage fork: just drive the fork into the blade and lock it with the upper grapple of the fork. Destined for cleaning of the floors in cowhouses, stables etc. Equipped with one side blade as standard.

Silage dispenser



Volume	172 gal
Width	54 in
Weight	530 lb

This dispenser bucket is equipped with hydraulically driven elevator in the bottom and discharging to both right or left side. Especially recommended for precision chopped silage and feeding stuffs mixed with feeding mixers. Loading from ground is easy by tilting the bucket forward. Distributes silage to about 10 cows / fill - it takes approx. 10 minutes to distribute silage to 50 cows.

Grain / flour dispenser



Capacity	80 gal
Width	43.3 in
Weight	198 lb

AVANT grain dispenser is a 80 gal bucket equipped with a hydraulic motor and a Ø 8 in screw, destined for distribution of flour, crushed grain etc. Discharges to the right side or to the left side.

The edge of the grain dispenser tilts all the way down so that loading from ground level is very easy.

Straw blower bucket



Capacity	175 gal
Height	50 in
Width	57.5 in
Weight	265 lb

With the straw blower bucket you can distribute straw quickly and easily to the cow stalls by driving with your Avant. The blower fan discharges the material up to 10-13 ft distance, depending on engine rpm. The bucket can blow chopped straw, sawdust, turf and small wood chips. The bucket can be equipped, as an option, with a scraper blade which mounts under the bucket, destined for floor cleaning. With the optional side brush one can clean the back part of the stall also. The bucket is available with discharge either to the left or to the right side.

Silage block cutter



Width	39.4 in	51.2 in
Weight	540 lb	617 lb
Capacity	n. 550 lb	n. 880 lb

Powerful and robust silage cutter with two hydraulic cylinders, can be used with all AVANT loader models. With the silage cutter you can easily cut silage from silo and take it directly to the cattle. Thanks to the open design of the cutting blade visibility during silage distribution is very good. Cuts about 8 animals' silage at one time. Tines are made of reinforced steel.

Carousel broom



Working width	39.4 in
Broom diameter	39.4 in
Broom material	Nylon
Weight	154 lb

This hydraulically operated broom is a useful attachment when sweeping materials to the side. Rotates in both directions, can be used for various tasks and can be equipped with different types of brooms.

Push Broom



Width	51.2 in
Weight	75 in

Push Broom is a handy and inexpensive broom for cleaning smaller areas. Push broom has no rotating parts and the idea is to simply push the material in front of the broom. Push broom can also be used when making pavements. By pushing the filler sand sideways across the paving stones the sand will fall nicely between the stones.

Bale grab



Weight	265 lb
Max bale weight	1985 lb
Max. grabber width	58 in

With the bale grab you can transport wrapped silage bales, hay bales and other round bales without damaging the bale wrapping. A special grab is available for square bales. Please consult your local Avant dealer.

Square bale grab



Bale width	31 - 47 in
Bale weight	max. 2200 lb
Weight	310 lb

The square bale grab is intended for lifting wrapped square bales. With the grab all liftings are done safely and securely without damaging the plastic wrappings on the bale. Grab hands can be mounted in accordance with the stacking method, to either lift the bales diagonally or lengthwise.

Farming/Landscaping

Round bale spike



Length	45.3 in
Width	48 in
Weight	120 lb

With the square bale spike it is easy to lift and transport all square bales without wrappings. Strong and simple construction guarantees a long lifespan.

Square bale spike



Length	45.1 in
Width	39.6 in
Weight	130 lb

With the square bale spike it is easy to lift and transport all square bales without wrappings. Strong and simple construction guarantees a long lifespan.

Horse arena harrow



Width	53 in
Weight	530 lb

The horse arena harrow is intended for levelling and loosening horse arena riding surfaces. The harrow has two spring loaded tine rows which will loosen the surface, a leveller that will make the surface completely even and a tilling roller that will compact the ground, leaving a great looking finish to the surface. The harrow will not disturb the lower levels (understructure) of the riding surface. **Attention:** The loader needs to be equipped with single acting rear hydraulics and trailer coupling.

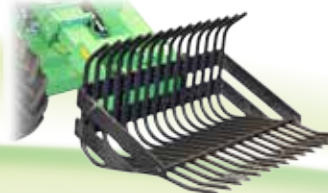
Big bag lifter/transporter



Lifting hook height	47.2 in
Width	39.4 in
Weight	176 lb

With the big bag lifter/transporter you can lift and transport big bags. This simple attachment makes loading of fertilizer or stacking of big bags as easy as it can get.

Stone collecting bucket



Width	41.3 in
Weight	210 lb

The stone collecting bucket is intended mainly for collecting loose stones from the fields after the field has been harrowed. With an Avant it is easy and fast to collect stones from nearby fields.

Wood chipper



Timber diameter	max. 3.5/6.2 in
Chip length	apr. 0.5 in
Weight	660 lb

With the hydraulic AVANT wood chipper you can quickly chip branches, small tree trunks, logging waste, sawmill residue etc. This powerful double-knife disc chipper is equipped with manual wood feeding. Chips can be directed through 360 degrees by turning the chimney.

Log splitter



Log diameter	15.7 in	15.7 in
Log length	23.6 in	39.4 in
Splitting capacity	n. 40 logs/min	
Weight	330 lb	550 lb

AVANT log splitter is equipped with a hydraulic cylinder which pushes the log against the splitting blade. Height of the blade is adjustable, allowing splitting either into two or into four pieces. The splitter has automatic reverse and cylinder stroke can be adjusted with a limit switch. Safety features include a stop switch which prevents operation if the blade cover is not down.

Log cutter/splitter



Log diameter	max. 12 in
Cutting length	max. 18 in
Sawbar	13"
Weight	688 lb

AVANT log cutter/splitter is a very efficient firewood making machine. It combines a chain saw and a hydraulic log splitter. The log cutter/splitter can be transported with AVANT loader.

Ripper



Width	19.7 in
Ripping depth	apr. 11.8 in
Weight	110 lb

With the powerful AVANT ripper you can break up ground, pull out roots and rip up compacted ground. Equipped with three replaceable tines, ripping angle can be adjusted with the tilt cylinder of the loader.

Leveler



Width	47.2 in	59.1 in
Weight	187 lb	210 lb

A simple and inexpensive but incredibly useful and efficient attachment for levelling larger areas. With AVANT leveller you can easily and quickly level cultivated soil as a prelude to turfing, seeding or planting, and it can be used effectively in sand schools.

Landscaping

Lawn mower 1200



Cut width	47.2 in
Knives	2 pcs
Cut height	1 - 4 in
Weight	375 lb

AVANT lawn mower is a strong and efficient hydraulic mower deck, equipped with four support wheels. It is a mulching mower, but by removing the mulching blades it can also eject the grass to the side or under the mower. Cutting height can be adjusted independently on each wheel. Thanks to the floating design and big rubber support wheels operation is easy in uneven terrain as well.

Collecting mower



Cut width	47.2 in
Knives	2 pcs
Cut height	1 - 4 in
Collector capacity	55.5 gal

With the new AVANT collecting mower you can easily do the mowing and collect the clippings. Thanks to its excellent suction power collecting of leaves from the lawns is also possible.

Flail mower



Working width	51.2 in	59.1 in
Cut height	1.2 - 4 in	
Number of cutters	36 pcs	42 pcs
Weight	485 lb	695 lb

AVANT flail mower is the right attachment for situations where a normal lawn mower cannot be used and where the cut can be more rough. Cuts efficiently long grass and small scrub and is therefore an ideal tool for road bank mowing and similar jobs. Can be equipped with an extension arm for side mount.

Flail mower with hydraulic boom



Max. outreach	138 in
Working width	39.4 in

With the hydraulic boom flail mower you can easily and efficiently mow ditch banks, road sides, embankments and other slopes that are hard to reach. The flail mower is equipped with proportional joystick controls and is operated from the driver's seat.

Finger bar mower



Width	55.1 in
Weight	155 lb

AVANT finger bar mower is destined for mowing long hay on fields, meadows and road banks. It is equipped with two moving sickle bars. The long cut hay can be used e.g. for horse feed.

Edge trimmer



Cutting depth	max. 6 in
Weight	143 lb

AVANT edge trimmer is a perfect attachment for trimming the edges of a lawn, hedges, flower arrangements etc. It consists of a hydraulically operated trimmer mounted next to a cutting disc. The trimmer levels the cutting edge. Cut depth is adjustable.

Rotary hoe



Working width	51.2 in
Working depth	max. 6 in
Weight	400 lb

AVANT rotary hoe is designed for heavy use, equipped with hydraulic motor and chain drive. Adjustable cultivating depth up to 6 in - ideal for fine preparation of garden beds, seedbeds, rotovating etc. Can also be equipped with a field roller which makes cultivating depth adjustment easier and levels the cultivated soil.

Stone burier



Working width	51.2 in	59.1 in
Working depth	0 - 5.5 in	
Weight	550 lb	660 lb
Weight with seeding unit	485 lb	772 lb

A professional hydraulic stone burier for preparation of areas to be turfed, seeded or planted. The stone burier cultivates the soil, buries stones and other objects up to 6 in deep in a single pass, leaving a cultivated and consolidated topsoil. Working depth steplessly adjustable with the rear field roller. Separate seeding unit which mounts on the stone burier is also available.

Rotary harrow



Working width	48 in	55.1 in
Width of the field roller	53.1 in	59.1 in
Working depth	0 - 5.5 in	
Weight	485 lb	550 lb

AVANT rotary harrow is an excellent leveler for lawn beds, yards, gardens etc. - for places where the ground needs to be perfectly levelled. It harrows the topsoil only and gives a very nice finish for sowing. Required hydraulics output is lower than that of the stone burier. Working depth is adjusted with the rear field roller which levels the seeding bed during operation.

Stump buster



Cutting head diameter	14 in
Drive shaft length	20 in
Weight	660 lb

AVANT stump buster is an efficient, easy and safe way for removing tree stumps. It drills big holes in the stump, gradually removing the stump. The three blade cutting head has slow speed and high torque, which means it can be used within confined spaces and pedestrian areas safely.

Property maintenance

Rotary broom



Working width	41.3 in	51.2 in
Broom diam.	19.7 in	19.7 in
Broom mat.	Nylon	
Weight	287 lb	353 lb

AVANT rotary broom is equipped with a floating bracket (allows about 4 in vertical movement) and three big support wheels in order to follow the contours of the ground. Sweeping angle can be adjusted manually (straight or $\pm 20^\circ$) Broom is made of nylon – solid steel or nylon/steel brooms are available as an option.

Brooms with collector box



Working width	41.3 in	51.2 in
Working width with side brush	53.1 in	63 in
Waste box volume	45 gal	53 gal
Weight	507 lb	838 lb

AVANT brooms with collector box are specially made for larger yards and street cleaning. Three big support wheels guarantee smooth and easy operation. With the optional side brush cleaning of kerbs and street corners is easy. Collector box emptying is hydraulic – operation with auxiliary hydraulics control lever.

Snow broom



Working width	41.3 in	51.2 in
Broom diam.	21.7 in	21.7 in
Broom mat.	Nylon	
Angle adjust.	Hydraulic	
Weight	287 lb	353 lb

AVANT snow broom is destined especially for snow sweeping. It has been designed to give the best possible snow cleaning results even on uneven surfaces. This broom can also be used as a normal rotary broom for all year round sweeping.

High pressure washer



Working pressure	200 bar	
Water consumption	1,3 - 8 gal/min	
Water tank capacity	71 gal	
Nozzles	8 pcs	

This efficient hydraulic washer is fitted with a 71 gal water tank. Max. water pressure is 200 bar, water use is adjustable. Equipped with an adjustable 8 nozzle bar for street washing. A hand held washing gun with 50 ft hose roll is standard equipment as well.

Tipping trailer



Load capacity	2650 lb	4000 lb
Width	44.3 in	53.1 in
Length	67.3 in	88.2 in
Tyres	23x8,50-12	26x12-12
Side height	11 in	22 in

AVANT tipping trailer is available in two models: with carrying capacity of 2650 lb or 4000 lb. Both are equipped with hydraulic tipping. All sides can be removed if necessary. Extra side set is available as an option for the smaller model, on the bigger model it is standard. **ATTENTION!** The loader must be equipped with the rear auxiliary hydraulics outlet and trailer coupling.

Dozer blade



Working width	55 in	78.7 in
Weight	229 lb	364 lb
Angle	$\pm 30^\circ$	$\pm 30^\circ$
Blade height	15 in	19.7 in

Equipped with hydraulic blade turning, the AVANT dozer blade is the ideal tool for jobs where the materials must be dozed away quickly. Blade is replaceable; standard blade has straight edge, can also be fitted with rubber or saw-type edge for efficient ice cutting.

Snow plow



Working width	70.9 in	86.6 in
min. and max.	59.1 in	70.9 in
Blade height	30.3 in	30.3 in
Plowing angle	$\pm 55^\circ$	$\pm 35^\circ$
Weight	617 lb	672 lb

AVANT snow plow is the right attachment for efficient snow removal. It consists of two independently adjustable blades. Both blades are spring released and follow very well the contours of the ground thanks to the floating design of the mounting bracket. Angle of each blade can be adjusted separately with electric control switch.

Snow blower I 100



Working width	43.3 in
Chimney rotation	270 °
Weight	520 lb

Avant snow blower is an efficient attachment for snow removal from sidewalks, foot paths, road and similar places where the snow must be spread out evenly. The two-stage design of the Avant heavy duty snow blower makes it a very efficient snow removal tool - also with wet and heavy snow. First the auger breaks up the snow and moves it into the fan which then throws the snow out through the discharge chute.

Sand spreader



Working width	51.2 in	59.1 in
Capacity	53 gal	132 gal
Operation	with hydraulic motor	
Weight	375 lb	595 lb

A hydraulic sand spreader for fast and efficient sand spreading. Front mounting allows loading from ground level in the same way as with normal bucket. Powered by hydraulic motor and equipped with a mixer axle, which prevents the sand from clogging up. The plates in the feeding roll are spring loaded - this means stones will not block or break the spreader.

Centrifugal spreader



Spreading width	31-240 in
Volume	66 gal
Payload	1100 lb
Weight	287 lb

This robust spreader is destined for spreading of sand, gravel, salt and fertilizers. Spreading width and amount are easy to adjust and spreading can be directed just to one side if necessary.



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On the website you can also download video clips of the machines at work.

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